

B.S. GENERAL ENGINEERING

Recommended course plan

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	Writ 101 – First Year Writing I	3	Writ 102 – First Year Writing II	3
	Chem 105/115 – General Chemistry I, Lab	4	Chem 106/116 – General Chemistry II, Lab	4
	Math 261 – Calculus I	3	Math 262 – Calculus II	3
	ENGR 100 – Intr. to Engineering	3	CSCI 256 – Programming in Python	3
	Fine Arts Elective	3	Humanities Elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
SOPHOMORE	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 211/221 – Calc-based Physics, Lab	4	Math 353 – Differential Equations	3
	ENGR 309 – Statics	3	Phys 212/222 – Calc-based Physics, Lab	4
	ENGR 201 – Computer Aided Design	3	ENGR 321 – Thermodynamics	3
	Fine Arts or Humanities Elective	3	<i>Emphasis Course</i>	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
JUNIOR	ENGR 313 – Materials Science	3	ENGR 323 – Fluid Mechanics	3
	ENGR 314 – Materials Sciences Lab	1	ENGR 310 – Engineering Analysis I	3
	ENGR 360 – Electric Circuit Theory	3	ENGR 361 – Electric Circuit Theory Lab	1
	ENGR 312 – Mechanics of Materials	3	ENGR 431 – Fundamentals of Systems	3
	ECON 310 – Engineering Economy	3	ENGR Elective (200 or higher)	3
	<i>Emphasis Course</i>	3	<i>Emphasis Course</i>	3
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16	
SENIOR	ENGR 400 – Leadership & Professionalism	3	ENGR 452 – Senior Design II	1
	MANF 460 – Intro to Project Management	1	ENGR Elective (300 or higher)	3
	ENGR 451 – Senior Design I	2	ENGR Elective (300 or higher)	3
	ENGR Elective (300 or higher)	3	Social Science, Humanities, Fine Arts or Gen Ed	3
	Social Science Elective	3	<i>Emphasis Course</i>	3
	<i>Emphasis Course</i>	3	<i>Emphasis Course</i>	3
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16	
MINIMUM TOTAL CREDIT HOURS			127	



Visit catalog.olemiss.edu/engineering/programs for full course information.